

- 04 INSTALLATION, HIGH RH
 03 INSTALLATION, HIGH LH
 02 INSTALLATION, LOW RH
 01 INSTALLATION, LOW LH

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE
BELL 212 SHOWN; BELL 205 INSTALLATION IDENTICAL
NOT TO SCALE

1	1	1	1	100610-02	09	CARGO BASKET ASSEMBLY - EXTENDED LID
1				100606-01-02	08	QUICK RELEASE MOUNTING PROVISIONS, HIGH, RH
	1			100606-01-01	07	QUICK RELEASE MOUNTING PROVISIONS, HIGH, LH
		1		100605-01-02	06	QUICK RELEASE MOUNTING PROVISIONS, LOW, RH
			1	100605-01-01	05	QUICK RELEASE MOUNTING PROVISIONS, LOW, LH
				100602-02-02	04	BASKET INSTALLATION, HIGH, RH
				100602-02-01	03	BASKET INSTALLATION, HIGH, LH
				100602-01-02	02	BASKET INSTALLATION, LOW, RH
				100602-01-01	01	BASKET INSTALLATION, LOW, LH
04	03	02	01	PART NO.	ITEM	DESCRIPTION
QTY	QTY	QTY	QTY	LIST OF MATERIALS		

APPROVALS	DATE
DRAWN: JEFF CLARKE	13 JAN 2015
CHECKED: JASON REKVE	13 JAN 2015

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1

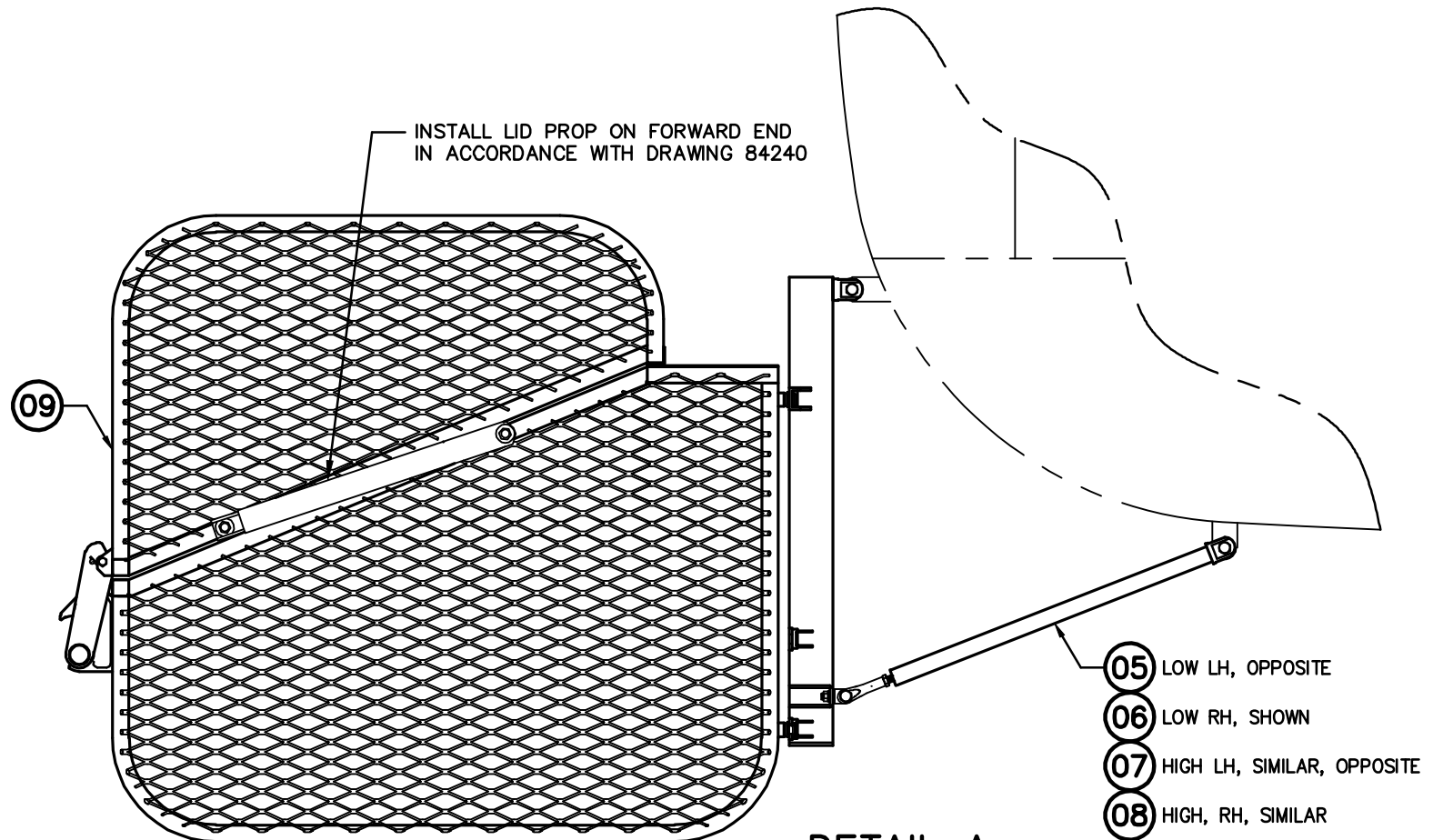


AERO DESIGN LTD.

9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.483.2378 www.aerodesign.ca

BELL 205A-1, 205B, 212
QUICK RELEASE MEGA CARGO BASKET
INSTALLATION - EXTENDED LID

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 3	A4	100602	0




DETAIL A

NOT TO SCALE
LOOKING AFT AT FORWARD END
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE

R.B.L.
64.7 INCHES

R.B.L.
1643 mm

APPROVALS		DATE		 AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca	
DRAWN:	JEFF CLARKE	13 JAN 2015			
CHECKED:	JASON REKVE	13 JAN 2015			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				BELL 205A-1, 205B, 212 QUICK RELEASE MEGA CARGO BASKET INSTALLATION - EXTENDED LID	
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.	
SHEET 2 OF 3		A4	100602	0	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES

1. HIGH SKID LANDING GEAR IS A MANDATORY PREREQUISITE FOR THE LOW BASKET INSTALLATION (ITEM 01 AND 02).
2. QUICK RELEASE MOUNTING PROVISIONS INSTALLED IN ACCORDANCE WITH DRAWING 100605 OR 100606 IS A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
3. REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE CARGO BASKET INSTALLED.
4. REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA751.90, FOR MAINTENANCE INFORMATION.
5. LATERAL ARMS IN THE WEIGHT AND BALANCE ARE FOR RIGHT SIDE INSTALLATION. LEFT SIDE INSTALLATION ARMS ARE NEGATIVE.
6. INSTALLATION PROCEDURE:
 - A) LIFT FORWARD END OF BASKET TO HELICOPTER, ENGAGE UPPER FORWARD LUG IN UPPER HOOK IN FORWARD BEAM.
 - B) LIFT AFT END OF BASKET, ENGAGE LOWER FORWARD ATTACHMENT IN LOWER SLOT IN FORWARD BEAM.
 - C) ENGAGE AFT FITTINGS IN KEYWAYS IN AFT BEAM, PUSH BASKET DOWN.
 - D) RETAINING PIN IN LOWER KEYWAY WILL SPRING INTO PLACE WITH A SNAP.

WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
05/06	ATTACH PROVISIONS, LOW	5.1	3064	15626	1164	5936
09	BASKET ASSEMBLY (EXT. LID)	48.6	3073	149348	1656	80482
01/02	LOW BASKET INSTALLATION	53.7	3072	164974	1609	86418
07/08	ATTACH PROVISIONS, HIGH	5.3	3150	16575	1165	6131
09	BASKET ASSEMBLY (EXT. LID)	48.6	3081	149827	1656	80515
03/04	HIGH BASKET INSTALLATION	53.9	3088	166402	1608	86646

WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
05/06	ATTACH PROVISIONS, LOW	11.2	120.64	1351.2	45.84	513.4
09	BASKET ASSEMBLY (EXT. LID)	107.2	121.00	12971.2	65.19	6988.4
01/02	LOW BASKET INSTALLATION	118.4	120.97	14322.4	63.36	7501.8
07/08	ATTACH PROVISIONS, HIGH	11.6	124.02	1438.6	45.88	532.2
09	BASKET ASSEMBLY (EXT. LID)	107.2	121.31	13004.4	65.19	6988.4
03/04	HIGH BASKET INSTALLATION	118.8	121.57	14443.1	63.30	7520.6

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QUICK RELEASE MEGA CARGO BASKET
INSTALLATION – EXTENDED LID

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 3 OF 3	A4	100602	0